

L6 ANSWER 70 OF 319 HCA COPYRIGHT 1996 ACS

ACCESSION NUMBER: 122:33631 HCA
TITLE: Spin-coatable anti-reflective coatings
INVENTOR(S): Sakai, Yasuhiro
PATENT ASSIGNEE(S): Asahi Optical Co Ltd, Japan
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PATENT INFORMATION	JP 06025599 A2	940201 Heisei
APPLICATION INFORMATION:	JP 92-183707	920710
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AB Title coatings, having solids content 1-7%, contain org. silane, org. siloxane, and/or fluoro siloxane hydrolyzates and .ltoreq.10% (based on total solids) metal fluorides. A siloxane-coated polyurethane lens was spin coated with a compn. contg. a catalyst, 3-methacryloxypropyltrimethoxysilane hydrolyzate and (MeO)₃SiC₂H₄C₆F₁₂C₂H₄Si(OMe)₃ hydrolyzate, and baked at 145.degree. for 4 h to form a surface with refractive index 1.43 and transparency 98.4%.